

## SEQUENCE LISTING

&lt;110&gt; LION bioscience

&lt;120&gt; NR3B1 nuclear receptor binding compounds

&lt;130&gt; L30282PCT

&lt;160&gt; 9

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 1377

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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His Ser Pro Ser Gly Ser Ser Asp Ala Ser Gly Gly Phe Gly Leu Ala  
35 40 45

Leu Gly Thr His Ala Asn Gly Leu Asp Ser Pro Pro Met Phe Ala Gly  
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Ala Gly Leu Gly Gly Thr Pro Cys Arg Lys Ser Tyr Glu Asp Cys Ala  
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Ser Gly Ile Met Glu Asp Ser Ala Ile Lys Cys Glu Tyr Met Leu Asn  
85 90 95

Ala Ile Pro Lys Arg Leu Cys Leu Val Cys Gly Asp Ile Ala Ser Gly  
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Tyr His Tyr Gly Val Ala Ser Cys Glu Ala Cys Lys Ala Phe Phe Lys  
 115 120 125

Arg Thr Ile Gln Gly Asn Ile Glu Tyr Ser Cys Pro Ala Thr Asn Glu  
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Cys Glu Ile Thr Lys Arg Arg Arg Lys Ser Cys Gln Ala Cys Arg Phe  
 145 150 155 160

Met Lys Cys Leu Lys Val Gly Met Leu Lys Glu Gly Val Arg Leu Asp  
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Arg Val Arg Gly Gly Arg Gln Lys Tyr Lys Arg Arg Leu Asp Ser Glu  
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Ser Ser Pro Tyr Leu Ser Leu Gln Ile Ser Pro Pro Ala Lys Lys Pro  
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Leu Thr Lys Ile Val Ser Tyr Leu Leu Val Ala Glu Pro Asp Lys Leu  
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Tyr Ala Met Pro Pro Pro Gly Met Pro Glu Gly Asp Ile Lys Ala Leu  
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Thr Thr Leu Cys Asp Leu Ala Asp Arg Glu Leu Val Val Ile Ile Gly  
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Trp Ala Lys His Ile Pro Gly Phe Ser Ser Leu Ser Leu Gly Asp Gln  
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Met Ser Leu Leu Gln Ser Ala Trp Met Glu Ile Leu Ile Leu Gly Ile  
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Val Tyr Arg Ser Leu Pro Tyr Asp Asp Lys Leu Val Tyr Ala Glu Asp  
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Tyr Ile Met Asp Glu Glu His Ser Arg Leu Ala Gly Leu Leu Glu Leu  
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Tyr Arg Ala Ile Leu Gln Leu Val Arg Arg Tyr Lys Lys Leu Lys Val  
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Glu Lys Glu Glu Phe Val Thr Leu Lys Ala Leu Ala Leu Ala Asn Ser  
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Asp Ser Met Tyr Ile Glu Asp Leu Glu Ala Val Gln Lys Leu Gln Asp  
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Leu Leu His Glu Ala Leu Gln Asp Tyr Glu Leu Ser Gln Arg His Glu  
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Glu Pro Trp Arg Thr Gly Lys Leu Leu Leu Thr Leu Pro Leu Leu Arg  
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Gln Thr Ala Ala Lys Ala Val Gln His Phe Tyr Ser Val Lys Leu Gln  
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Gly Lys Val Pro Met His Lys Leu Phe Leu Glu Met Leu Glu Ala Lys  
420 425 430

Ala Trp Ala Arg Ala Asp Ser Leu Gln Glu Trp Arg Pro Leu Glu Gln  
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Val Pro Ser Pro Leu His Arg Ala Thr Lys Arg Gln His Val His Phe  
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Leu Thr Pro Leu Pro Pro Pro Pro Ser Val Ala Trp Val Gly Thr Ala  
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His Ser Pro Gly Gly Ser Ser Asp Ala Ser Gly Ser Tyr Ser Ser Thr
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Met Asn Gly His Gln Asn Gly Leu Asp Ser Pro Pro Leu Tyr Pro Ser
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Ala Pro Ile Leu Gly Gly Ser Gly Pro Val Arg Lys Leu Tyr Asp Asp
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Cys Ser Ser Thr Ile Val Glu Asp Pro Gln Thr Lys Cys Glu Tyr Met  
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Leu Asn Ser Met Pro Lys Arg Leu Cys Leu Val Cys Gly Asp Ile Ala  
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Ser Gly Tyr His Tyr Gly Val Ala Ser Cys Glu Ala Cys Lys Ala Ser  
115 120 125

Phe Lys Arg Lys Ile Gln Ala Asn Ile Glu Tyr Ser Cys Pro Ala Thr  
130 135 140

Asn Glu Cys Glu Ile Thr Lys Arg Arg Arg Lys Ser Cys Gln Ala Cys  
145 150 155 160

Arg Phe Met Lys Cys Leu Lys Val Gly Met Leu Lys Glu Gly Val Arg  
165 170 175

Leu Asp Arg Val Arg Gly Gly Arg Gln Lys Tyr Lys Arg Arg Ile Asp  
180 185 190

Ala Glu Asn Ser Pro Tyr Leu Asn Pro Gln Leu Val Gln Pro Ala Lys  
195 200 205

Lys Pro Tyr Asn Lys Ile Val Ser His Leu Leu Val Ala Glu Pro Glu  
210 215 220

Lys Ile Tyr Ala Met Pro Asp Pro Thr Val Pro Asp Ser Asp Ile Lys  
225 230 235 240

Ala Leu Thr Thr Leu Cys Asp Cys Ala Asp Arg Glu Leu Val Val Ile  
245 250 255

Ile Gly Trp Ala Lys His Ile Pro Gly Phe Ser Thr Leu Ser Leu Ala  
260 265 270

Asp Gln Met Ser Leu Leu Gln Ser Ala Trp Met Glu Ile Leu Ile Leu  
275 280 285

Gly Phe Val Tyr Arg Ser Leu Ser Phe Glu Asp Glu Leu Val Tyr Ala  
290 295 300

Asp Asp Tyr Ile Met Asp Glu Asp Gln Ser Lys Leu Ala Gly Leu Leu  
305 310 315 320

Asp Leu Asn Asn Ala Ile Leu Gln Leu Val Lys Lys Tyr Lys Ser Met

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Lys Leu Glu Lys Glu Glu Phe Val Thr Leu Lys Ala Ile Ala Leu Ala		
340	345	350
Asn Ser Asp Ser Met His Ile Glu Asp Val Glu Ala Val Gln Lys Leu		
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Gln Asp Val Leu His Glu Ala Leu Gln Asp Tyr Glu Ala Gly Gln His		
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Met Glu Asp Pro Arg Arg Ala Gly Lys Met Leu Met Thr Leu Pro Leu		
385	390	395
Leu Arg Gln Thr Ser Thr Lys Ala Val Gln His Phe Tyr Asn Ile Lys		
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Leu Glu Gly Lys Val Pro Met His Lys Leu Phe Leu Glu Met Leu Glu		
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Ala Lys Val Cys		
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Glu Gly Thr Arg Arg Gly Gly Ala Ala Arg Pro Glu Glu Ala Ala Glu		
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Glu Gly Pro Pro Ala Ala Pro Gly Ser Leu Arg His Ser Gly Pro Leu		
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Gly Pro His Ala Cys Pro Thr Ala Leu Pro Glu Pro Gln Val Thr Ser		
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Ala Met Ser Ser Gln Val Val Gly Ile Glu Pro Leu Tyr Ile Lys Ala		



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115	120	125
Glu Pro Pro Val Ala Leu Ala	Pro Gly Pro Ala Pro	Thr Arg Cys Leu
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Pro Gly His Lys Glu Glu Glu Asp	Gly Glu Gly Ala Gly Pro Gly Glu	
145	150	155
Gln Gly Gly Gly Lys Leu Val Leu	Ser Ser Leu Pro Lys Arg Leu Cys	
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Leu Val Cys Gly Asp Val Ala Ser	Gly Tyr His Tyr Gly Val Ala Ser	
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Cys Glu Ala Cys Lys Ala Phe Phe	Lys Arg Thr Ile Gln Gly Ser Ile	
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Glu Tyr Ser Cys Pro Ala Ser Asn	Glu Cys Glu Ile Thr Lys Arg Arg	
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Arg Lys Ala Cys Gln Ala Cys Arg	Phe Thr Lys Cys Leu Arg Val Gly	
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Met Leu Lys Glu Gly Val Arg Leu	Asp Arg Val Arg Gly Gly Arg Gln	
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Leu Glu Arg Glu Glu Tyr Val Leu Leu Lys Ala Leu Ala Leu Ala Asn  
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Glu Ala Leu His Glu Ala Leu Leu Glu Tyr Glu Ala Gly Arg Ala Gly  
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Pro Gly Gly Gly Ala Glu Arg Arg Arg Ala Gly Arg Leu Leu Leu Thr  
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Met Leu Glu Ala Met Met Asp  
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